# GOVERNMENT OF INDIA
# RAILWAYS
# LOK SABHA

UNSTARRED QUESTION NO:3017
ANSWERED ON:18.12.2008
TRAIN PROTECTION WARNING SYSTEM
Kharventhan Shri Salarapatty Kuppusamy

**Will the Minister of RAILWAYS be pleased to state:**

(a) whether the Railways have introduced Train Protection Warning System (TPWS) in the Southern Railway;

(b) if so, the details alongwith the features of the system;

(c) the names of sections in which the system is presently being introduced;

(d) whether it is proposed to extend the same to other railway zones in the near future; and

(e) if so, the details thereof?

## Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS ( DR. R. VELU )

(a) : Yes, Sir.

(b) : Train Protection Warning System (TPWS) has been commissioned on suburban section of Southern Railway as a pilot project. The TPWS system prevents 'Signal Passing At Danger' cases and enforces implementations of speed restriction. The system provides audio and visual warning to driver in case of overspeeding and if driver fails to take desired action, the system applies brakes automatically.

(c) : The system has been introduced on Chennai Central − Gummidipundi section (50 RouteKMs) of Southern Railway in May'08.

(d) & (e): It has been decided to extend the above Train Protection Warning System on Delhi- Agra section of Northern/North Central Railway as second pilot project. This project is under various stages of installations.